

Docket No.: 31229-232367  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:

Maher KALAJI et al.

Confirmation No.: Not Yet Assigned

Art Unit: Not Yet Assigned

Application No.: Not Yet Assigned

Filed: June 9, 2006

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For: **NITROREDUCTASE BIOSENSORS FOR  
DETECTING NITRO-COMPOUNDS**

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International Application No.:

PCT/GB2004/004817

International Filing Date:

November 17, 2004

Examiner: Not Yet Assigned

Customer No.

26694

PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

References BA and CA-CG are cited and discussed in the International Search Report submitted herewith.

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In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 22-0261, under Order No. 31229-232367. A fee transmittal is also enclosed.

Dated: June 9, 2006

#758166

Respectfully submitted,

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Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/B/PTO				<i>Complete if Known</i>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Maher KALAJI
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	31229-232367

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> ( <i>if known</i> )			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> ( <i>if known</i> )			
BA	GB 2 332 432-A		06-23-1999	SECR DEFENCE	T <sup>6</sup>

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NON PATENT LITERATURE DOCUMENTS					
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	CA	GWENIN et al., "The development of a novel Amperometric biosensor for the detection of nitro explosives," ABSTRACTS OF THE ANNUAL MEETING OF THE INTERNATIONAL SOCIETY OF BIOCHEMISTRY, vol. 55, page 1 September 19, 2004.			
	CB	C. GWENIN, "Poster 50: The Development of an Amperometric Enzyme Sensor for the Detection of Explosives," POSTERS OF THE 2003 YOUNGER EUROPEAN CHEMISTS' CONFERENCE, pp. 1-19, August 26, 2003.			
	CC	E. WHARTON, "The third Younger European Chemists' Conference 26 to 29 August 2003 at the European Synchrotron Radiation Facility (ESRF), Grenoble, France" page 1 (2003).			
	CD	DATABASE Geneseq Online! Accession no. AAQ9289,1 "E. coli nitro reductase gene," February 26, 1996.			
	CE	DATABASE EMBL Online! Accession No. AF417209, "Pseudomonas putida KT2440 flavoprotein (ecd) gene, complete cds," October 2, 2001.			
	CF	DATABASE EMBL Online! Accession No. AF532911, "Pseudomonas putida oxygen-insensitive NADPH nitroreductase (pnrA) gene, complete cds," August 21, 2002.			
	CG	X-REN et al., "A new type of reusable piezoelectric sensor fabricated by a recombinant IgG-binding protein", ANALYST, vol. 125, pp. 669-671., February 24, 2000.			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Examiner Signature		Date Considered	
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